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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/987,425	11/14/2001	Jeff Smith	13202.00346	6669

27160 7590 06/29/2004

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EXAMINER

MISTRY, O NEAL RAJAN

ART UNIT	PAPER NUMBER
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2173

DATE MAILED: 06/29/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/987,425

Applicant(s)

SMITH ET AL.

Examiner

O'Neal R Mistry

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 14 November 2000.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-16 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 14 November 2000 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

This application has been examined.

Claims 1-16 are presented for examination.

Priority

Claims priority on provisional application # 60247909.

The effective filing date for the subject matter defined in the pending claims in this application is 11/14/2000

Drawings

The Examiner contends that the drawings submitted on November 14, 2000 are acceptable for the examination proceedings.

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 8, 10, 13, 14, 15, & 16 are rejected under second paragraph of 35 U.S.C. 112.

Claim 8 recites the limitation "appropriate user action" in line 1. There is insufficient antecedent basis for this limitation in the claim.

Claim 13 recites the limitation "A software architecture as claimed in Claim 13" in line 1. There is insufficient antecedent basis for this limitation in the claim. Claim cannot be dependent on itself.

Claim 10 inherits the deficiencies of dependent claim 8.

Claims 14-16 inherit the deficiencies of dependent claim 13.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-16 rejected under 35 U.S.C. 102(e) as being anticipated by Ho et al (U.S. Patent 6,407,757).

In regards to claim 1, Ho states a method of realistically displaying and interacting with electronic files comprising the steps of:

separating an electronic file into a plurality of sub-elements(col. 7 lines 22-28);

instantiating a frame manager object for controlling user interface frame windows (col. 7 lines 45-47); and

generating a primary frame for displaying an initial sub-element (col. 7 lines.61-65)

In regards to claim 2, Ho states the step of responsive to an appropriate user action, generating a secondary frame for another sub-element (col. 7 lines 61- 65).

In regards to claim 3, Ho states the frame manager object includes a list of frames generated (Figures 17 & col. 36 lines 33-67).

In regards to claim 4, Ho discloses the primary frame is singular (col. 13 lines 20-29 & Figure 3).

In regards to claim 5, Ho states the step of generating the primary frame includes the step of generating an invisible frame (col. 22 lines 17-32).

In regards to claim 6, Ho states the invisible frame is used to control closing an application using the frame manager object (col.28 lines 1-17).

In regards to claim 7, Ho discloses the primary frame includes a user selectable object (col. 6 lines 57-64).

In regards to claim 8, Ho states the appropriate user action includes selecting the user selectable object (Figure 18D & col. 37 lines 1-24).

In regards to claim 9, Ho discloses primary frame includes a plurality of user selectable object (col. 18D & col. 37 lines 1-24).

In regards to claim 10, Ho states the appropriate user action includes selecting one of the plurality user selectable objects (Fig. 18D & col. 37. 1-24)

In regards to claim 11, Ho discloses A software architecture for graphically displaying electronic files comprising:

an application executable (col. 7 lines 59-65);

a frame manager object instantiatable by the application executable for managing all frame windows needed by the application (col.27 lines 32-57 Figure 9); and

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an initial frame window for displaying a sub-element of a file (col. 7 line 22-28 & col. 7 lines 45-47).

In regards to claim 12, Ho states the initial frame window controls creation and destruction of further frame windows (col. 37 lines 25-28 & col. 40 line 65 – col. 41 line 3).

In regards to claim 13, Ho discloses further frame windows are each for displaying a sub-element of a file (col. 7 line 22-28 & col. 7 line 45-47)

In regards to claim 14, Ho states each further frame window includes an extension manager (col. 35 line 15-44).

In regards to claim 15, Ho discloses the extension manager controls enhancement extensions (col. 24 lines 5-17).

In regards to claim 16, Ho states the extension manager controls document extensions (col. 35 lines 29-35).

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Ho et al (U.S. Patent Number 6,407,757)

Any inquiry concerning this communication or earlier communications from the examiner should be directed to O'Neal R Mistry whose telephone number is (703) 305-2738. The examiner can normally be reached on 9am - 6pm.

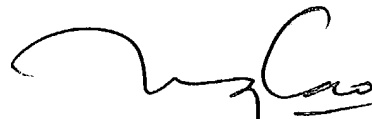
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John W Cabeca can be reached on (703)308-3116. The

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fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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PRIMARY EXAMINER